

Tractors
for specialists



Frutteto Largo

The Agricube range is renewed

**A wider offering
for increasingly
specialised farming**

With the introduction of the new Stage IIIB engine as part of the regulations designed to limit emissions, Carraro has renewed the Agricube range, not only by introducing new FPT engines with the exhaust gas post-treatment system located outside the engine bonnet (DOC + DPF), but also by expanding the product range, with various additional models and options that make these tractors even more responsive to the needs of every single customer.



New range, greater choice!

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Compact, more powerful engine

- › With the new 3,400 CC FPT engine with electronic injection management, the most compact engine in its category, maximum power is increased, with five horsepower curves ranging from 75 to 105 HP.
- › The correct stage IIIB emission level is guaranteed by an exhaust gas treatment system that features both a diesel oxidation catalyst filter (DOC) and a diesel particulate filter (DPF). The presence of the latter, in particular, enables excellent responsiveness, especially when compared to engines that only use the DOC filter.

The hydraulic system, our trump card

- › Carraro Tractors enhances the range of hydraulic systems on offer with the introduction of four electro-hydraulic distributors, along with Deport technology. With Detent, all of the mechanical-version distributors can be isolated and are switchable with a single/double effect.
- › These systems are powered by two hydraulic pumps up with a flow rate of up to 97 l/min, or by three hydraulic pumps that raise the flow rate to 127 l/min (available as an optional feature).

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Specifications





















Minimum and maximum width



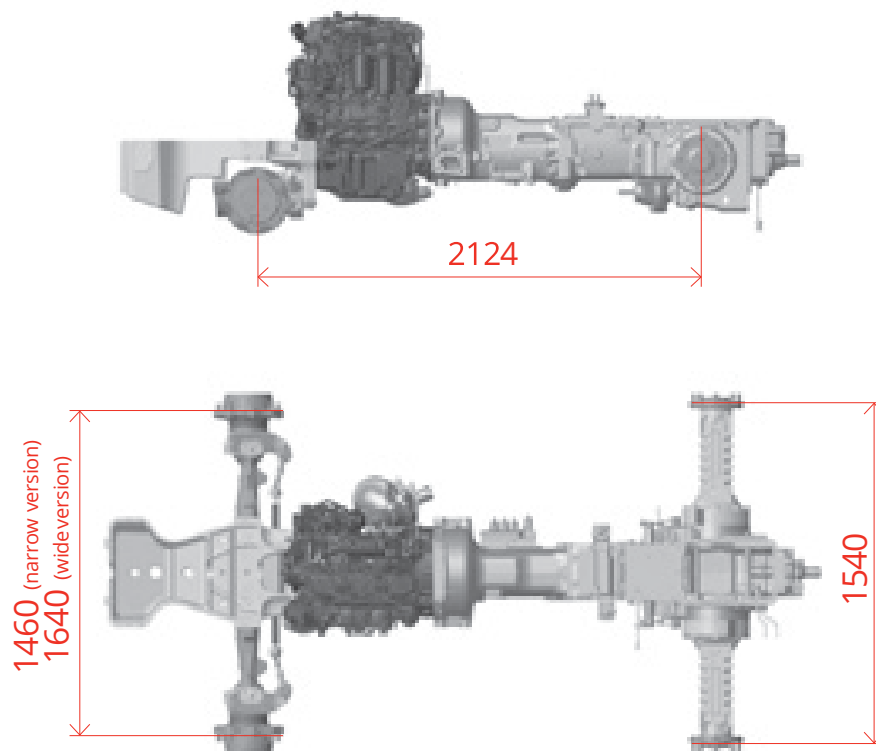
Specifications

● Available ● Not available

ENGINE OUTPUT [kw/HP]					VERSION		TRANSMISSION				
55/74.8	61.1/83	67.1/91	72/98	77/105	OOS	CAB	24+24 Mech. Reverse Mech HI-LO 40Km/h 4WD	24+24 Mech. Reverse EH HI-LO 40Km/h 4WD	24+12 Power Reverse EH HI-LO 40Km/h 4WD		
		95 FL	105 FL	115 FL							
FRONT AXLE [mm]						REAR AXLE [mm]					
925	990	1155	1325	1460	1640	892	972	1242	1540	1100	
											

Front and rear axle configurations

FL



- › Both versions are equipped with Carraro front axles, model 20.16. The F model features an axle with a flange-flange width of 1.32 m, with a steering angle of 52°.
- › For the FL model, two axles are available, with flange-flange widths of 1.46 m and 1.64 m respectively, and a steering angle of 55°. All axles feature an automatic slip control (limit slip) system.

Outfitting and options



New work consoles

- › Console redesigned to accommodate all of the vehicle work commands.
- › The positions of the switches and control levers have been designed to facilitate operator comfort.



Electronic engine speed control

- › With the advent of Common Rail engines, the electronic accelerator is now positioned on the right-hand console, allowing easy operation. This is accompanied by the ability to set two engine operating speeds, enabling the operator to simplify inter-row operations and end-of-field turns simply by pressing a button.



New electronic management equipment

- › The F and FL ranges are completed by the various electro-hydraulic control options for the distributors and the front and rear lifters.
- › The four electro-hydraulic distributors are controlled by a two-axis/ two finger-tip proportional joystick.

Exterior options



New electronic management equipment

- › The hydraulic system has been enhanced with respect to the previous version, with a host of new optional features.

Such as:

- Three hydraulic pumps that enable a maximum flow rate of 127 l/min (as option)
- Distributors with Detent which can be isolated for improved modularity of hydraulic flows
- Levelling control
- Case drain/free return to sump, which in the top of the range version (with intermediate flow divider) is equipped with a drainage device for all equipment that is moved using the hydraulic motor
- Four compensated and configurable electrohydraulic distributors.



Mechanically-operated distributors



Electro-hydraulic distributors



Optional hydraulic sockets on the belly of the tractor

- › In order to provide better control of equipment attached to the front and the belly of the tractor, 4 or 6 quick-connect sockets with case drain/freereturn to sump are available as an option.



Side panels

- › Easily removable side panels for faster ordinary maintenance operations.



Front lifter and PTO

- › Both models are provided with a front lifter with a lifting capacity of up to 2500 kg, and a PTO with speeds of 1000 rpm.

After-sales



Carraro Tractors is constantly committed to meeting the high requirements of its customers, offering product solutions that combine performance, quality and reliability with the versatility of multiple applications in the specialist tractor sector.

Carraro remains by the side of its customers even after the purchase of the tractor is complete, for the entire life cycle of the vehicle. Through a network of licensed dealers, Carraro

Tractors guarantees reliable and targeted assistance, helping those who use Carraro products to achieve greater profit and improve operational efficiency.

Carraro Tractors has also created the Carraro Academy training programme, along with a host of after-sales services, with a view to helping its dealers to develop high-level professional skills and profound product knowledge and to offer excellent service.

Original replacement parts



The guarantee that comes with original parts

- › Carraro's original replacement parts are designed and manufactured to ensure that the reliability and performance of the vehicle remain unaltered over time.
- › They are the fruit of Carraro's in-depth knowledge, experience and constant dedication to Research and Development in order to provide the best solution in terms of both performance and durability.



CarraroOil greases and lubricants

- › CarraroOil lubricants and greases and Carraro filters protect parts from wear and improve tractor performance, prolonging the life of your investment.

Technical data

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MODEL	75	85	95	105	115
Maximum power ISO kW	55.0	62.3	67.9	75.9	77.0
Maximum power ISO HP	74.8	84.7	92.3	103.2	104.7
Maximum power revolutions rpm	2,300	2,000	2,000	2,000	2,000 - 2,300
Maximum torque Nm	309	334	366	406	403
Maximum torque revolutions rpm	1,500	1,400	1,500	1,600	1,600

ENGINE	
Engine, manufacturer	FPT – F34 (STAGE 3B) – 3,400 cm ³
Number of cylinders/Configuration	4 · turbo intercooler · 2 valves per cylinder · Common rail 1600 bar · EGR valve DOC + DPF pollution reduction system
Cooling system	Liquid
Fuel tank capacity	74 l
Tank capacity with front PTO	52.3 l
Auxiliary tank capacity (as option)	19 l
Exhaust	Horizontal
ELECTRICAL SYSTEM	
Battery	100 Ah
Alternator	80 A
Starter motor	4.2 kW
TRANSMISSION	
24+24 24 forward gears 24 reverse gears	Gear levers: Lateral · Gearbox: 4 gear synchro · Range: 3 gear range L/M/Hi HI-LO: mechanical · Shuttle: mechanical Minimum speed of tractor: 0.5 km/h with rear wheels 420/70R28 Maximum speed of tractor: 40 km/h with rear wheels 420/70R28
24+24 (only for Model F) 24 forward gears 24 reverse gears	Gear levers: Lateral · Gearbox: 4 gear synchro · Range: 3 gear range L/M/Hi HI-LO: hydraulic · Shuttle: mechanical Minimum speed of tractor: 0.5 km/h with rear wheels 420/70R28 Maximum speed of tractor: 40 km/h with rear wheels 420/70R28
24+12 24 forward gears 12 reverse gears	Gear levers: Lateral · Gearbox: 4 gear synchro · Range: 3 gear range L/M/Hi HI-LO: hydraulic · Shuttle: System Minimum speed of tractor: 0.5 km/h with rear wheels 14.9R28 Maximum speed of tractor: 40 km/h with rear wheels 14.9R28
MECHANICAL POWER TAKE-OFF	
Speed (dry disc clutch)	540/540 E – 540/1,000
Synchro PTO	As option
ELECTRO-HYDRAULIC PTO	
Speed	540/540 E – 540/1,000
Synchro PTO	Standard

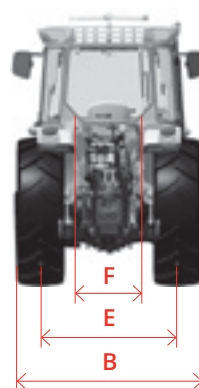
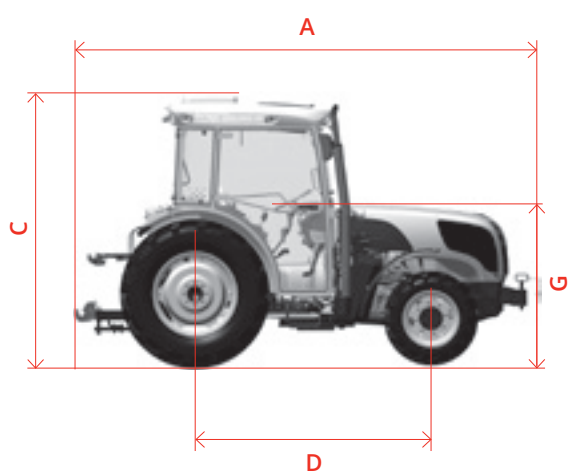
CLUTCH	
Independent, dry with dual disc in cerametallic material	12"
BRAKES	
Control	Mechanical and hydraulic, 10 discs in oil bath
DIFFERENTIAL GEAR LOCK, REAR	
Type	Mechanical, with electro-hydraulic engagement
FRONT AXLE	
Maximum steering angle	55°
Flange distance	1,460 mm or 1,640 mm
4WD engagement	Electro-hydraulic
Differential	Limit slip
REAR AXLE	
Type	Planetary with 6:1 ratio
Flange distance	1,540 mm
HYDRAULIC SYSTEM	
Pump capacity (l/min)	With 2 pumps (standard): 66.8 + 29.8 With 3 pumps (as option): 66.8 + 29.8 + 29.8
Distributors	2-3-4 mechanical distributors/ 4 electro-hydraulic distributors
THREE-POINT HITCH AND LIFTER	
Maximum lifting capacity	2,600 kg (standard) – 3,000 kg (as option)
Lifting	Mechanical with position, draft and mixed control (standard) - Electronic (as option)
Three-point hitch	Cat. 2
Parallel	With fixed knee-joint, Cat. 2 With quick coupler, adjustable, Cat. 2
TOW HOOKS	
With linchpins/Sliding	Category Cuna C (standard), Category Cuna C + D2 (as option)
FRONT WEIGHTS	
As option	4 elements x 25 kg (100 kg) 6 elements x 25 kg (150 kg) 10 elements x 25 kg (250 kg) 10 elements x 30 kg (300 kg)
DRIVER'S SEAT PLATFORM	
Platform	Suspended, soundproofed, on 4 silent blocks
Protection arch	Front, fold-down
Steering wheel	Fixed (standard), Telescopic and reclinable (as option)
Seat	Suspended, mechanical, in PVC (standard), suspended seat, pneumatic, in PVC (as option)
Mirrors	1 LH telescopic rear-view mirror (standard) 1 RH telescopic rear-view mirror (as option)
Operator's Manual	In Italian/English
CAB DRIVER'S SEAT	
Cab	Suspended, soundproofed, on 4 silent blocks, heated and air conditioned (as option)
Steering wheel	Fixed (standard), Telescopic and reclinable (as option)
Seat	Suspended, mechanical, in fabric (standard), suspended seat, pneumatic, in fabric (as option)
Mirrors	Two external rear-view mirrors, RH and LH side – 1 internal mirror (as option)
Operator's Manual	In Italian/English

Dimensions

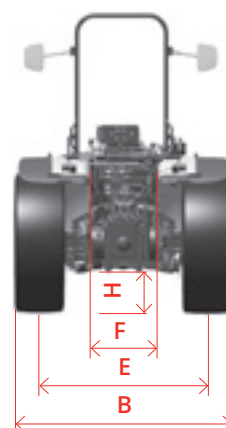
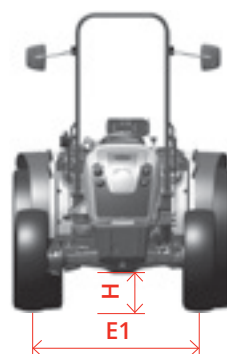
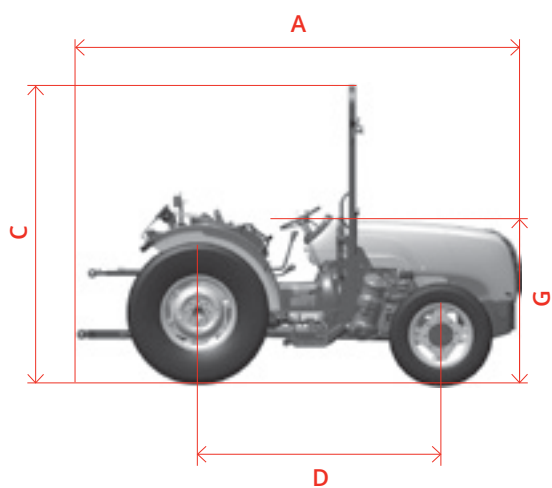
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FL CAB



FL OOS





	Dimensions with front wheels	320/70R20
	Dimensions with rear wheels	480/65R28
A	Overall length	3,950 mm
B	Overall max and min	2,197 mm/1,684 mm
C	Height with roll-bar raised (CAB)	2,390 mm (2,478 mm)
D	Wheelbase	2,124 mm
E1	Front wheel gauge	1,736 mm/1,154 mm
E	Rear wheel gauge	1,724 mm/1,211 mm
F	Internal fender width	600 mm
G	Maximum hood height	1,400 mm
H	Front and rear ground clearance	316 mm (front) / 270 mm (rear)
Total weight.	Without driver and front weights	2,875 kg 3,140 kg (CAB)
	Tyres can be provided as an optional extra	Front 300/70R20 Rear 420/70R28 Front 280/70R18 Rear 420/70R24



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The information in this publication is provided for purely illustrative purposes; the manufacturer reserves the right to modify the models described without prior notice.

Drawings and photographs may refer to optional equipment or special options for other countries. For all other information, contact our sales network.

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